

Vector Construction Strategy for Roopenian-FcRn

Ruopinen-Fern:

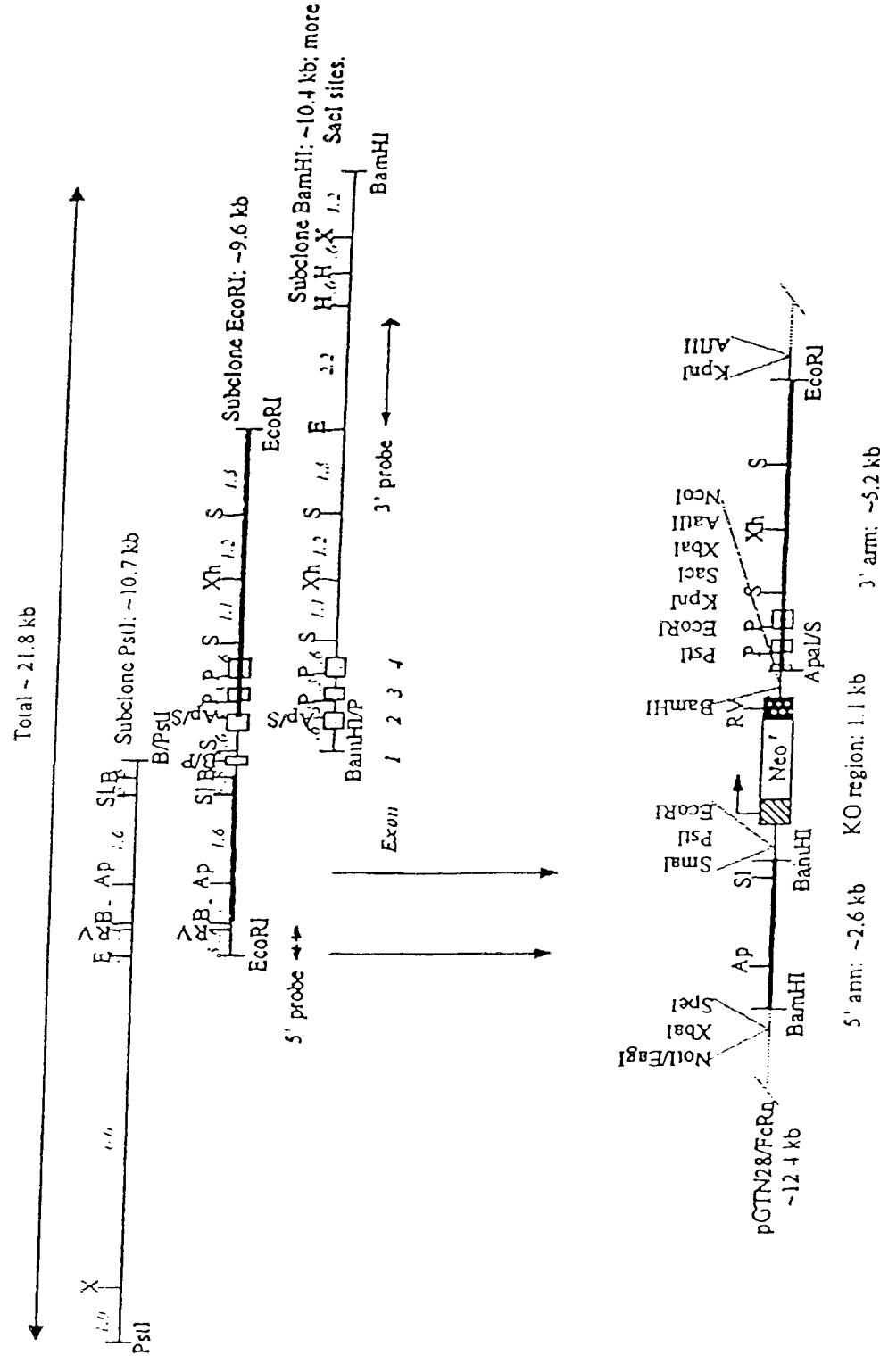
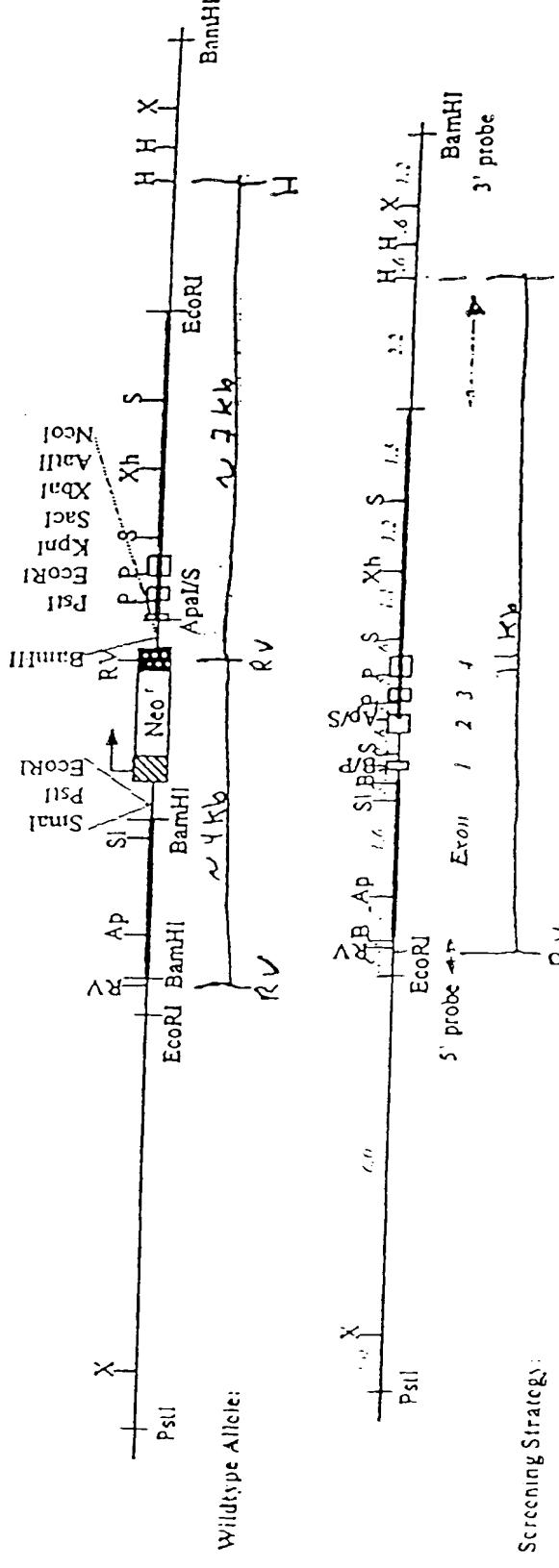


FIG. 1

Recombinant Allele:

Screening Strategy for Roopenian-FcRn



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After EcoRV + HindIII digestion:

Wild-type allele - ~ 11 kb fragment when probed with a 5' or 3' flanking sequence.

Recombinant allele - ~ 4 kb fragment when probed with a 5' flanking sequence and a Neo vector sequence, and ~ 7 kb fragment when probed with a 3' flanking sequence.

Note: Ap=Apal; B=BamHI; E=EcoRI; H=HindIII; P=PstI; RV=EcoRV; S=Saci; SI=Sall; X=XbaI; Xh=Xhol.
1kb

FIG. 2

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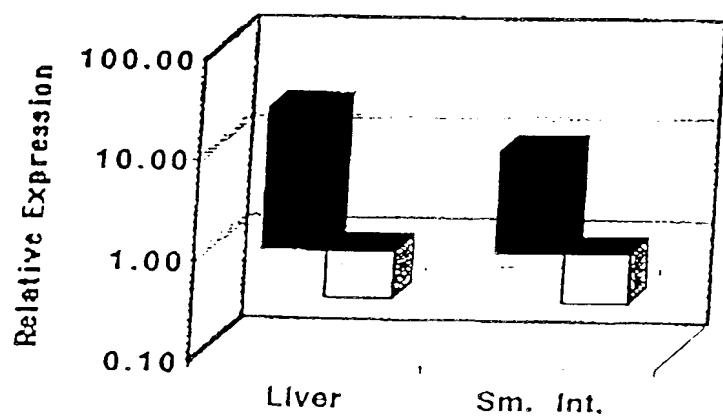


FIG. 3

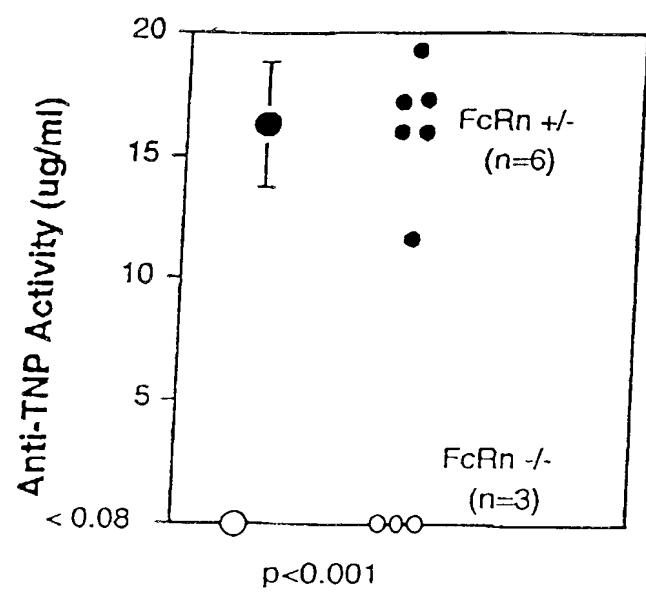


FIG. 4

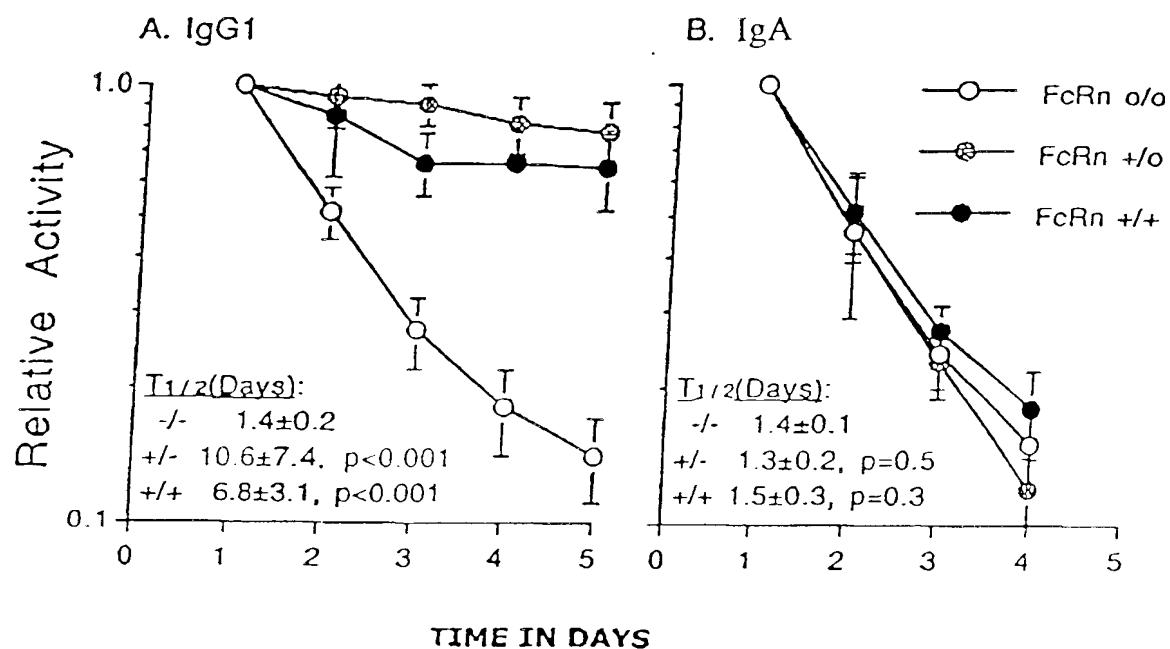


FIG. 5

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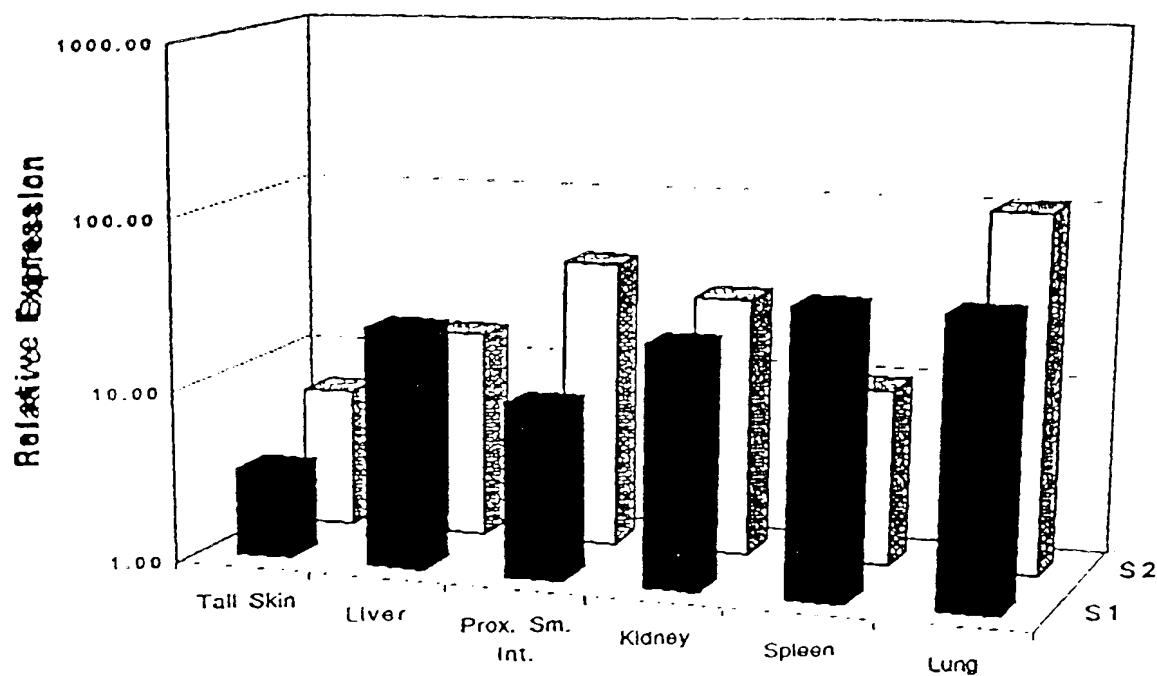


FIG. 6

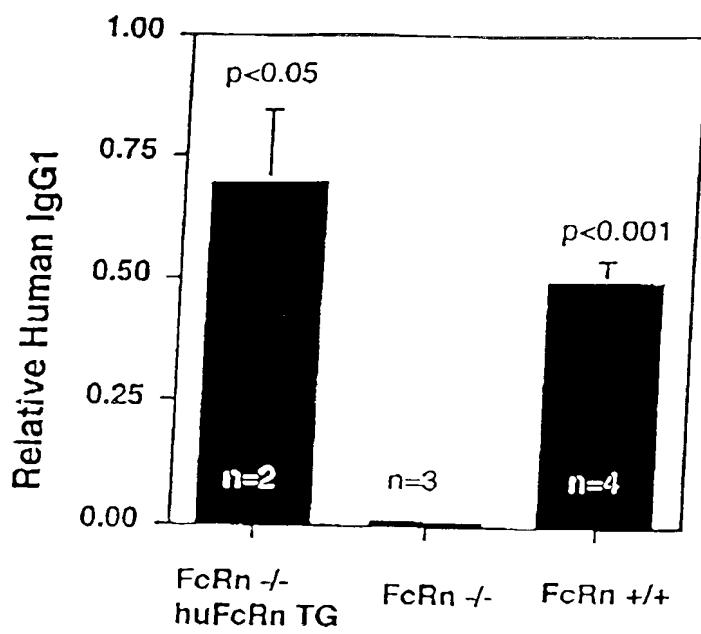


FIG. 7

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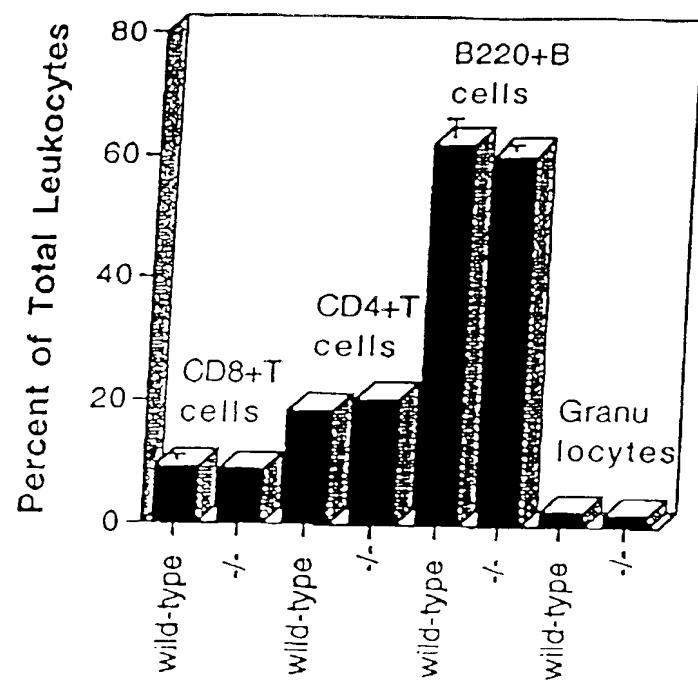


FIG. 8